DAS and Small Cells Workshop

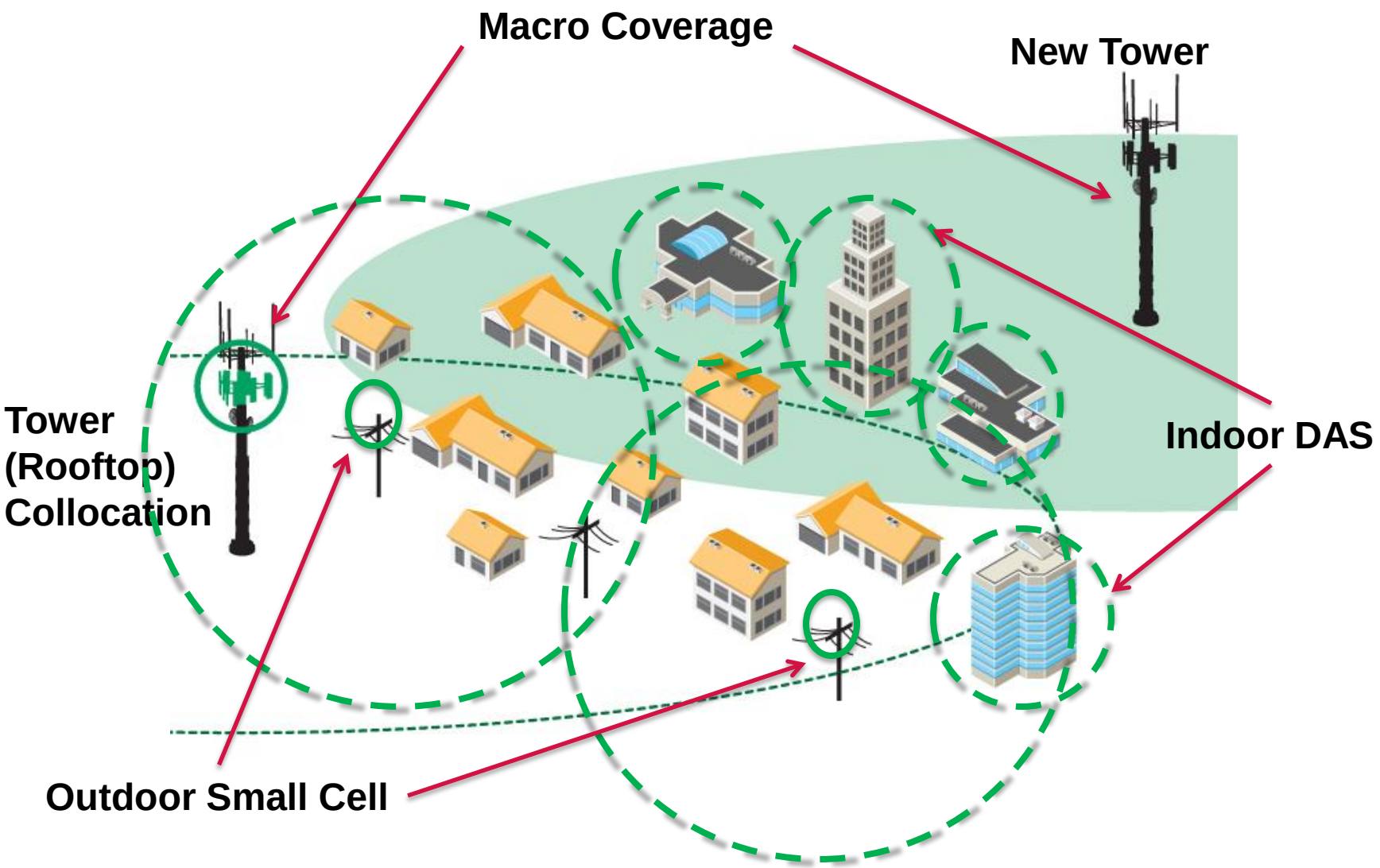
Alex Gamota, VP Real Estate

May 3, 2016

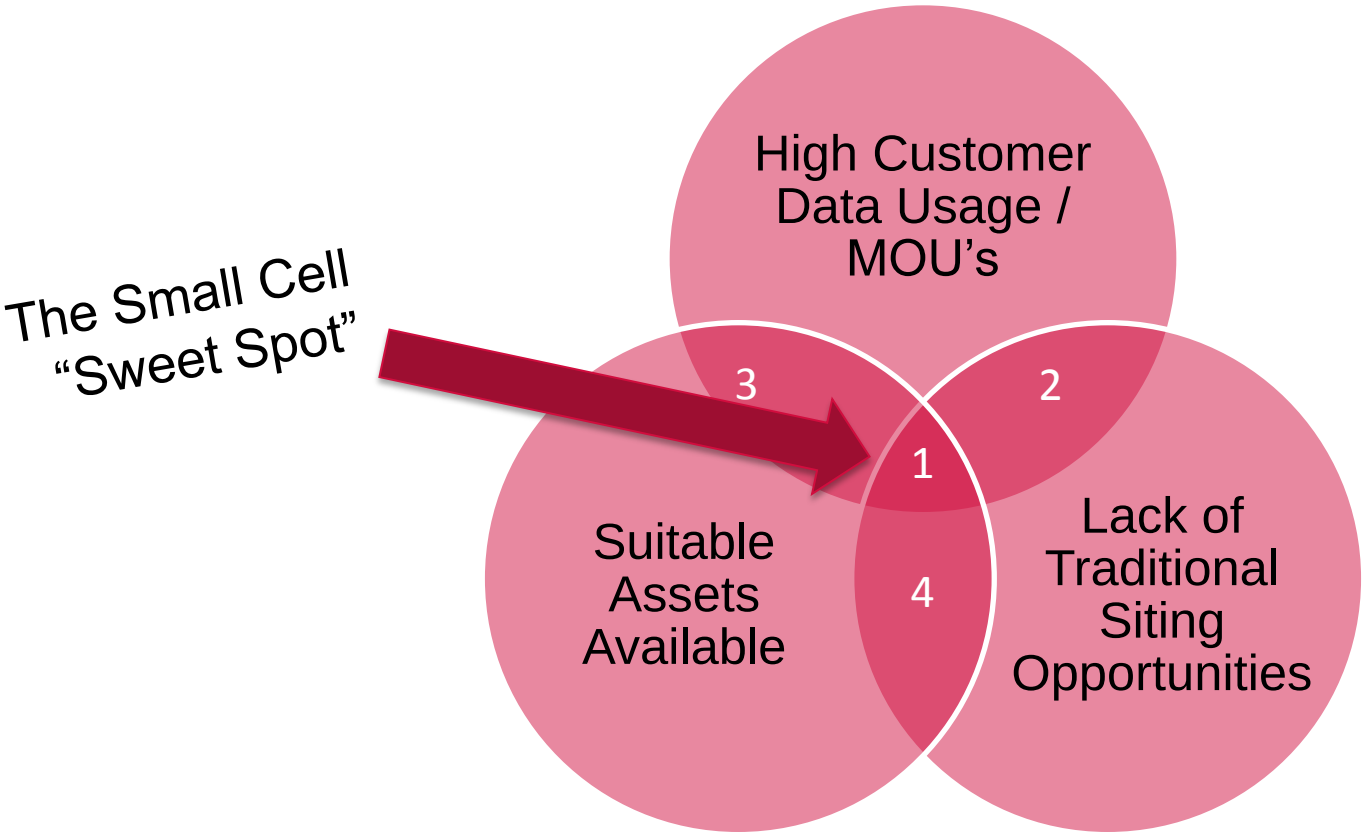
connect

AMERICAN TOWER®

Small Cells/DAS augment traditional wireless broadband solutions



So why aren't Small Cells/DAS everywhere?



Applicability guided by overall Small Cell / DAS and traditional siting economics and deployment timeframes

Case Study: Boston, MA

Macro cell: ATC rooftop

Macro cell: ATC rooftop

Small cell: ATC's Copley Mall DAS

Small cell: ATC's outdoor Wi-Fi

Case Study: Boston Network

Opportunity

- High Capacity shared Wi-Fi Network
- Selected polygons with high foot traffic
- Network deployed Nov 13' – Apr 14'
- Tier 1 Operator contracted to be anchor tenant
- Provide ubiquitous coverage in each polygon
- Covers Boston Marathon Finish line
- Network designed to support data speeds of over 10 Mbps.

Network

- ATC Private Network (Dark Fiber) with 802.11b/g/n
- 5 polygons (49 access points & 32 Nodes)
  - Fenway Park (4 nodes), Kenmore Square (9 nodes) , Copley Square (5 nodes)
  - Newbury Street (9 nodes), Downtown Crossing (5 nodes)
- Ruckus SC-8800 and 7782-S AP's


Copley Square

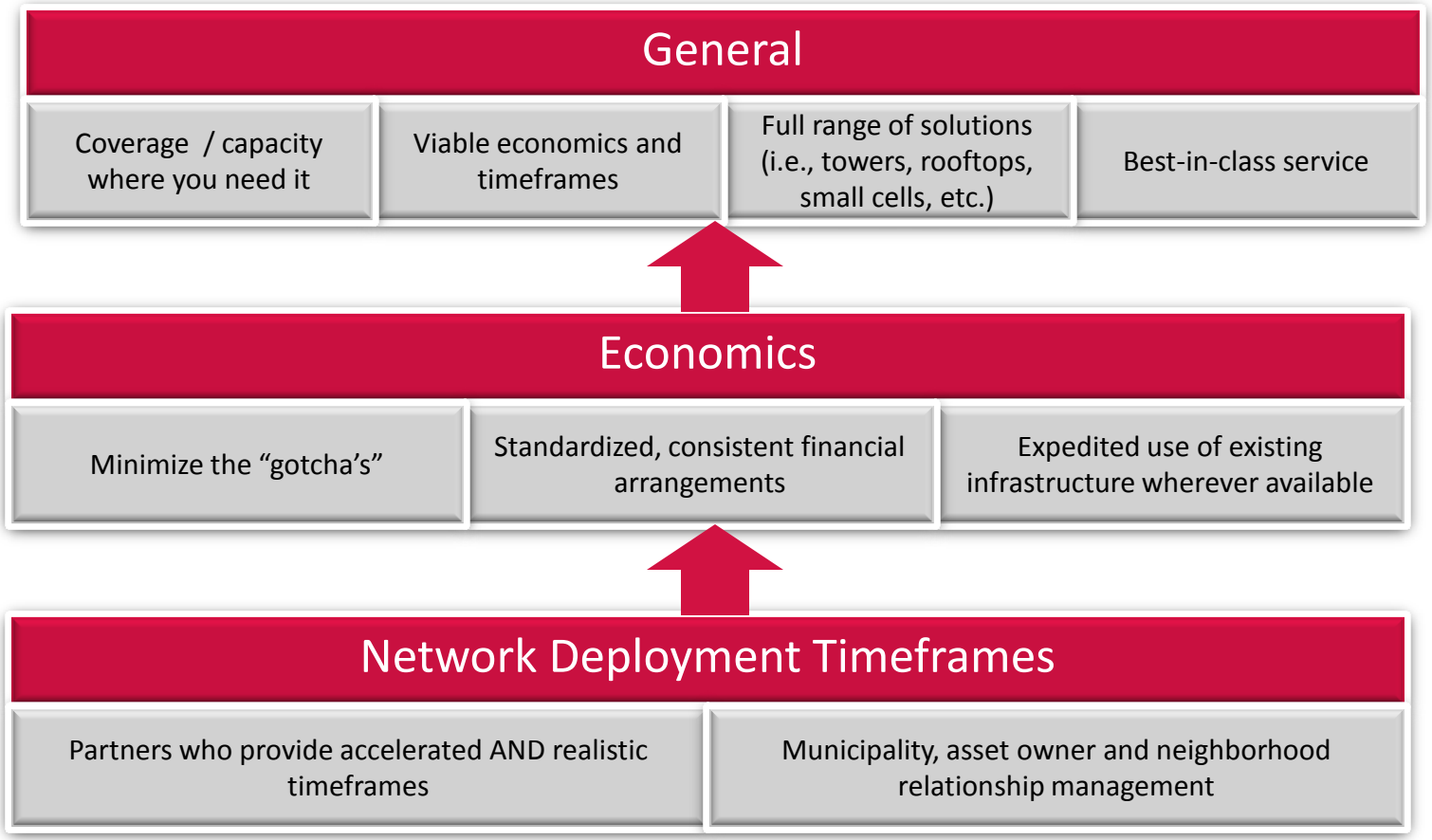

Kenmore Square


Downtown Crossing

Fenway Park


Newbury Street

Key Network Success Drivers



Q & A